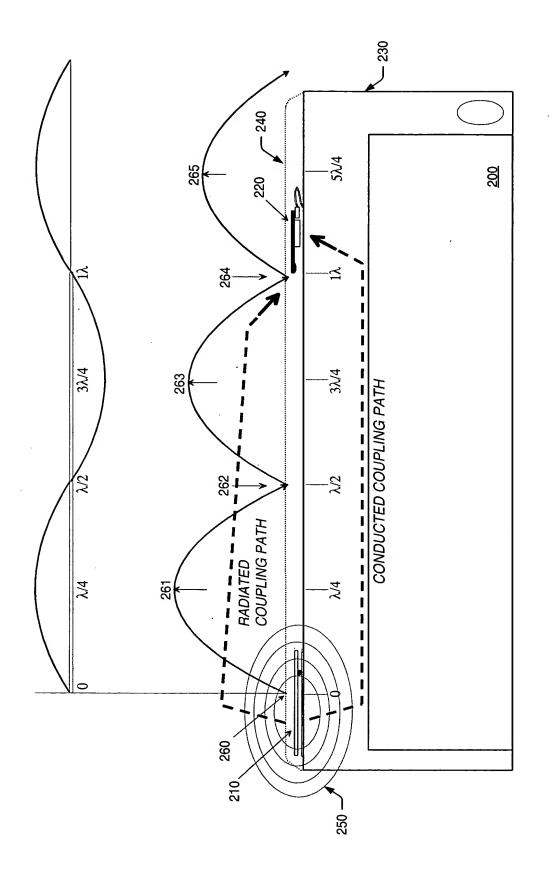
-	1	00

WIRELESS COMMUNICATION TECHNOLOGIES							
COMMUNICATION NETWORK	COMMUNICATION TECHNOLOGY	PRIMARY APPLICATION	ISM BAND (GHz)	RANGE (FEET)	MAX BIT RATE (Mbps)		
WWAN	GSM	Digital cellular phone service	900/1800 (MHz)	N/A	115 (Kbps)		
	PCS	Digital cellular phone service	1850-1990 (MHz)	N/A			
	GPRS	Broadband access for mobile phones and computers	900/1800 (MHz)	N/A	115 (Kbps)		
	EDGE	Broadband access for mobile phones and computers	900/1800 (MHz)	N/A	384 (Kbps)		
	UTMS	Broadband access for mobile phones and computers	1885-2025 1980-2010 2170-2200 (MHz)	N/A	2 (Mbps)		
WLAN	IEEE 802.11a	Public access to a local area network	5	75	54		
	IEEE 802.11b	Public access to a local area network	2.4	150	11		
	IEEE 802.11g	Public access to a local area network	2.4	150	54		
	HOMERF™	Home networking	2.4	150	1.6		
	OpenAir TM	Public access to a local area network	2.4	500	1.6		
	HiperLAN1	Public access to a local area network	5	150	24		
_	HiperLAN2	Public access to a local area network	5	75	54		
WPAN	•	Cable replacement fo wireless computing devices and periphera		30	1-2		







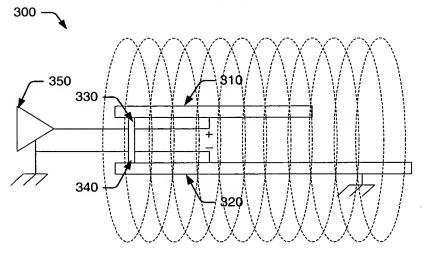


FIG. 3

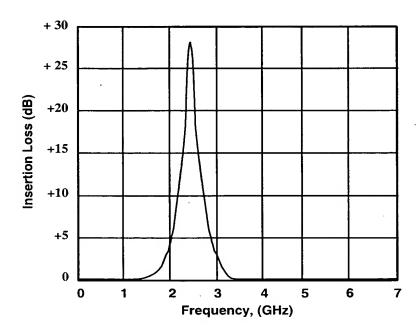


FIG. 4

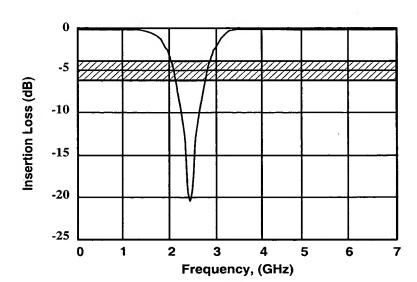
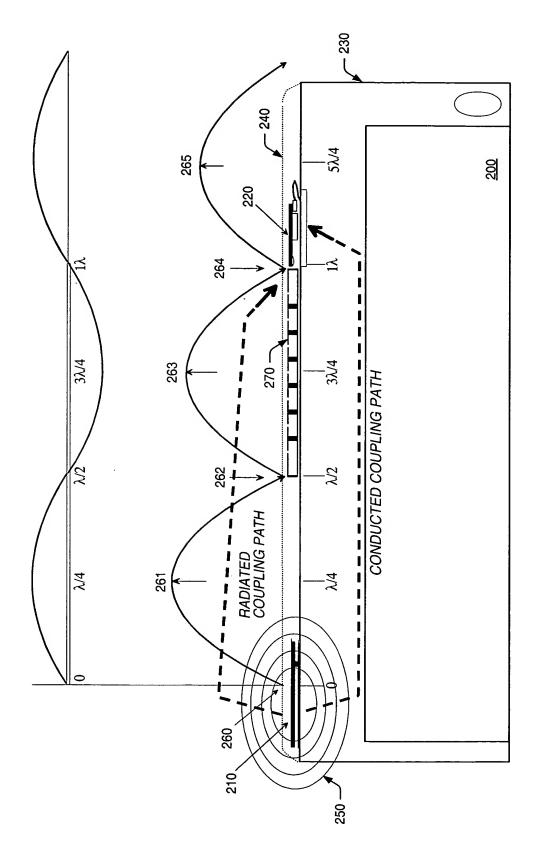


FIG. 5





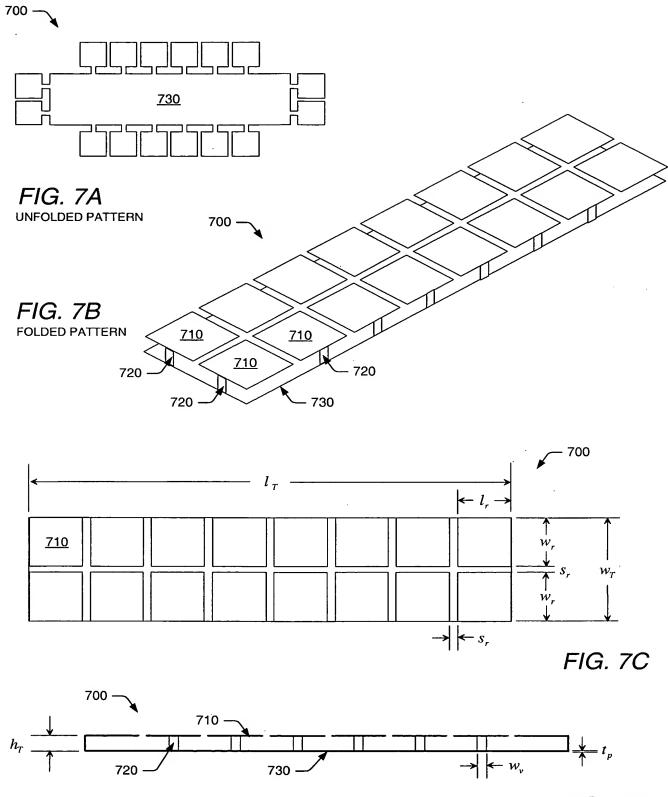
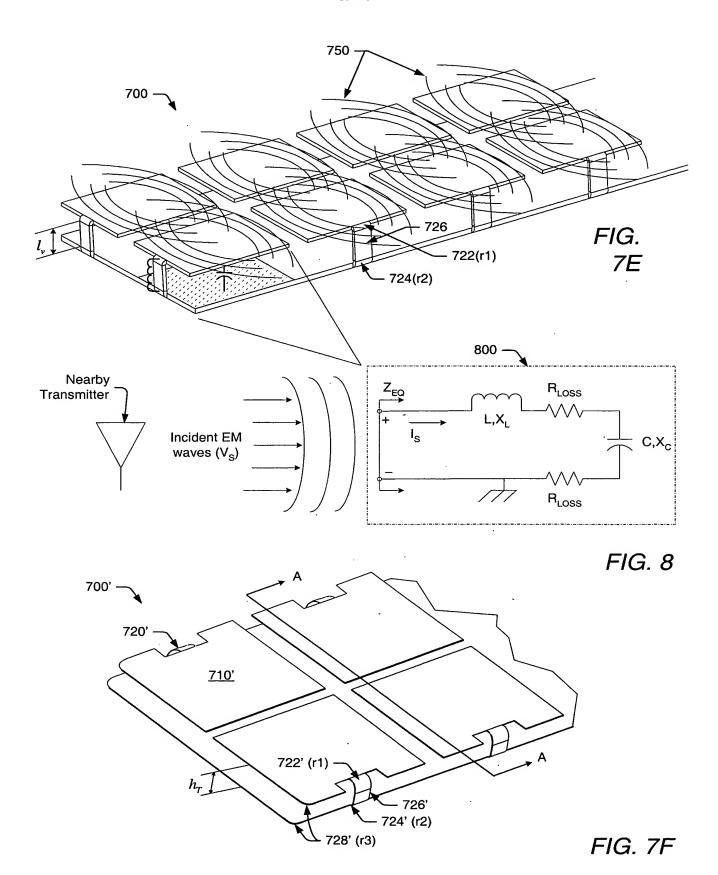


FIG. 7D



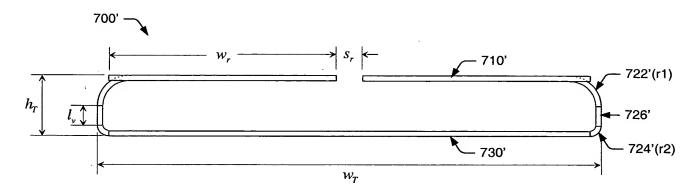


FIG. 7G

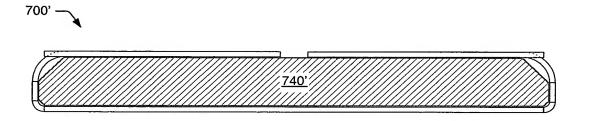


FIG. 7H

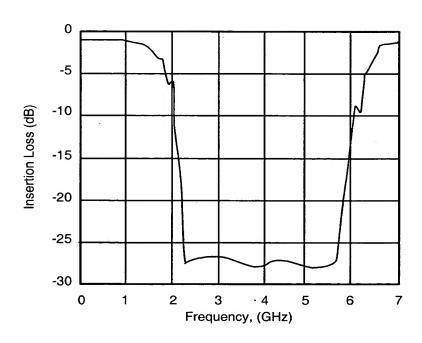
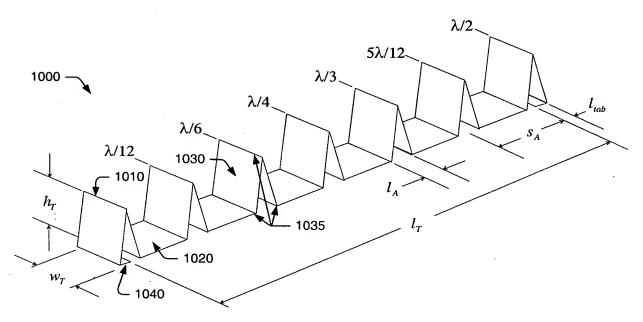
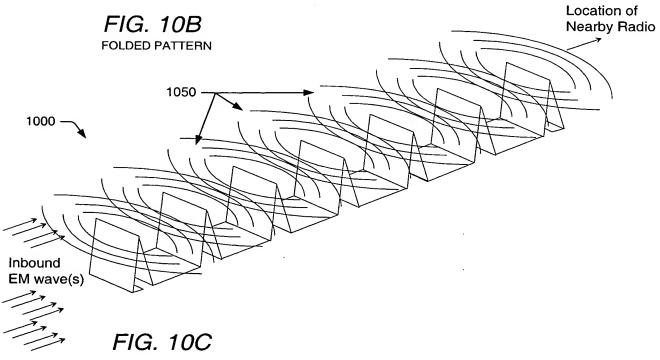


FIG. 9



FIG. 10A
UNFOLDED PATTERN





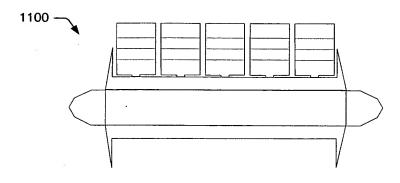


FIG. 11A
UNFOLDED PATTERN $\lambda/2$ $5\lambda/12$ $\lambda/3$ $\lambda/3$ $\lambda/2$ $\lambda/3$ λ

FIG. 11B FOLDED PATTERN

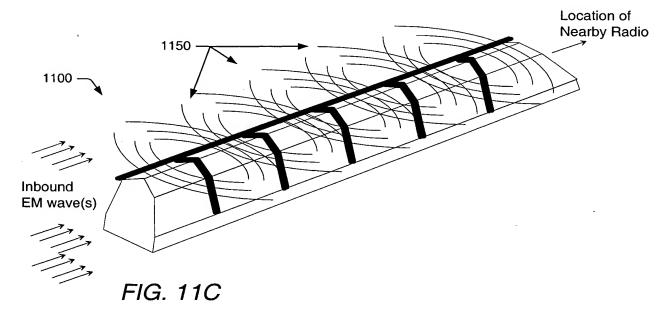


FIG. 12C